



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/731,748 Confirmation No. 4300
Applicant : Charles R. Rapier et al. TC/A.U. : 1764
Filed : December 9, 2003 Customer No.: 31889
Examiner : Thuan D. Dang
Docket No. : 1856-42300 (9719.0-02)
For: Reactor and Process for Converting Alkanes to Alkenes

PETITION TO CORRECT INVENTORSHIP BY THE ADDITION
OF INVENTOR(S) (37 CFR 1.48(a) AND/OR (c))

Mail Stop Petitions
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

Date: November 15, 2004

Sir:

Applicant for the above-identified application submits this petition under 37 C.F.R. § 1.48(a) to correct the incorrect original naming of inventors in the Declaration. Applicant requests that **Lisa M. Budin, Sriram Ramani** and **Joe D. Allison** be added as inventors of this application, Serial No. 10/731,748.

Attached are *Statements of Lack of Deceptive Intent by Person Named as Inventors Agreeing to Change of Inventorship*, *Statement of Lack of Deceptive Intent by Person Being Added as an Inventor* for each inventor, *Assignee Consent* and a *Declaration* of each of the actual inventors.

The Commissioner is hereby authorized to charge Deposit Account 03-2769, Conley Rose, P.C., in the amount of \$130 for the filing of this petition.

11/18/2004 MAHMED1 00000019 032769 10731748
01 FC:1460 130.00 DA

Respectfully submitted,

Tod T. Tumey
Reg. No. 47,146
Conley Rose, P.C.
P. O. Box 3267
Houston, Texas 77253-3267
(713) 238-8000
ATTORNEY/AGENT FOR APPLICANT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Charles R. Rapier et al.	§	
		§	
Serial No.:	10/731,748	§	Group Art Unit: 1764
		§	
Filed:	December 9, 2003	§	Examiner: Not Yet Assigned
		§	
For:	Reactor and Process For	§	Conf. No.: 4300
	Converting Alkanes to Alkenes	§	

STATEMENT OF LACK OF DECEPTIVE INTENT
BY PERSON NAMED AS INVENTORS AGREEING TO
CHANGE OF INVENTORSHIP

Atty. Dkt. No.: 1856-42300 (9719.0-02)

Date: August 23, 2004

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We, Charles R. Rapier, Daniel P. Holderman, Zhen Chen, Shang Y. Chen, and Steven R.

McDonald do hereby declare that:

1. Lisa M. Budin, Sriram Ramani and Joe D. Allison were erroneously omitted as named inventors in the above-identified application at the time it was filed. This error arose without any deceptive intention on our part.

2. Further, I declare not.

Date: 9-20, 2004

Charles R. Rapier
Charles R. Rapier

(signed on separate sheet)

Date: _____, 2004

Daniel P. Holderman

Date: _____, 2004

(signed on separate sheet)
Zhen Chen



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Charles R. Rapier et al.	§	
		§	
Serial No.:	10/731,748	§	Group Art Unit: 1764
		§	
Filed:	December 9, 2003	§	Examiner: Not Yet Assigned
		§	
For:	Reactor and Process For	§	Conf. No.: 4300
	Converting Alkanes to Alkenes	§	

STATEMENT OF LACK OF DECEPTIVE INTENT
BY PERSON NAMED AS INVENTORS AGREEING TO
CHANGE OF INVENTORSHIP

Atty. Dkt. No.: 1856-42300 (9719.0-02)

Date: August 23, 2004

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We, Charles R. Rapier, Daniel P. Holderman, Zhen Chen, Shang Y. Chen, and Steven R. McDonald do hereby declare that:

1. Lisa M. Budin, Sriram Ramani and Joe D. Allison were erroneously omitted as named inventors in the above-identified application at the time it was filed. This error arose without any deceptive intention on our part.

2. Further, I declare not.

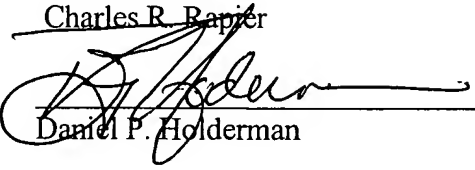
Date: _____, 2004

Date: 9/27, 2004

Date: _____, 2004

(signed on separate sheet)

Charles R. Rapier


Daniel P. Holderman

(signed on separate sheet)

Zhen Chen



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Charles R. Rapier et al.	§	
		§	
Serial No.:	10/731,748	§	Group Art Unit: 1764
		§	
Filed:	December 9, 2003	§	Examiner: Not Yet Assigned
		§	
For:	Reactor and Process For	§	Conf. No.: 4300
	Converting Alkanes to Alkenes	§	

STATEMENT OF LACK OF DECEPTIVE INTENT
BY PERSON NAMED AS INVENTORS AGREEING TO
CHANGE OF INVENTORSHIP

Atty. Dkt. No.: 1856-42300 (9719.0-02)

Date: August 23, 2004

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We, Charles R. Rapier, Daniel P. Holderman, Zhen Chen, Shang Y. Chen, and Steven R. McDonald do hereby declare that:

1. Lisa M. Budin, Sriram Ramani and Joe D. Allison were erroneously omitted as named inventors in the above-identified application at the time it was filed. This error arose without any deceptive intention on our part.

2. Further, I declare not.


Date: _____, 2004

(signed on separate sheet)
Charles R. Rapier

Date: _____, 2004


(signed on separate sheet)
Daniel P. Holderman

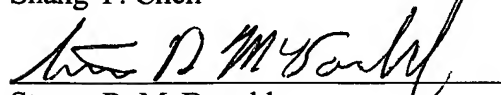
Date: 10/26/04, 2004


Zhen Chen

Date: Sept. 22, 2004

Date: Sept 13, 2004


Shang Y. Chen


Steven R. McDonald



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Charles R. Rapier et al.	§	
		§	
Serial No.:	10/731,748	§	Group Art Unit: 1764
		§	
Filed:	December 9, 2003	§	Examiner: Not Yet Assigned
		§	
For:	Reactor and Process For	§	Conf. No.: 4300
	Converting Alkanes to Alkenes	§	

STATEMENT OF LACK OF DECEPTIVE INTENT
BY PERSON BEING ADDED AS AN INVENTOR

Atty. Dkt. No.: 1856-42300 (9719.0-02)

Date: August 23, 2004

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


Sir:

Joe D. Allison does hereby declare that:

1. I was erroneously omitted as a named inventor in the above-identified application at the time it was filed. This error arose without any deceptive intention on my part.

2. Further, I declare not.

Date: 9/17, 2004



Joe D. Allison



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Charles R. Rapier et al.	§	
Serial No.:	10/731,748	§	Group Art Unit: 1764
Filed:	December 9, 2003	§	Examiner: Not Yet Assigned
For:	Reactor and Process For Converting Alkanes to Alkenes	§	Conf. No.: 4300

STATEMENT OF LACK OF DECEPTIVE INTENT
BY PERSON BEING ADDED AS AN INVENTOR

Atty. Dkt. No.: 1856-42300 (9719.0-02)

Date: August 23, 2004

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Sriram Ramani does hereby declare that:

1. I was erroneously omitted as a named inventor in the above-identified application at the time it was filed. This error arose without any deceptive intention on my part.
2. Further, I declare not.

Date: Sept. 1, 2004

Sriram Ramani
Sriram Ramani



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Charles R. Rapier et al.	§	
		§	
Serial No.:	10/731,748	§	Group Art Unit: 1764
		§	
Filed:	December 9, 2003	§	Examiner: Not Yet Assigned
		§	
For:	Reactor and Process For	§	Conf. No.: 4300
	Converting Alkanes to Alkenes	§	

STATEMENT OF LACK OF DECEPTIVE INTENT
BY PERSON BEING ADDED AS AN INVENTOR

Atty. Dkt. No.: 1856-42300 (9719.0-02)

Date: August 23, 2004

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Lisa M. Budin does hereby declare that:

1. I was erroneously omitted as a named inventor in the above-identified application at the time it was filed. This error arose without any deceptive intention on my part.

2. Further, I declare not.

Date: Sept. 24, 2004



Lisa M. Budin

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Charles R. Rapier et al.	§	
		§	
Serial No.:	10/731,748	§	Group Art Unit: 1764
		§	
Filed:	December 9, 2003	§	Examiner: Not Yet Assigned
		§	
For:	Reactor and Process For	§	Conf. No.: 4300
	Converting Alkanes to Alkenes	§	

ASSIGNEE CONSENT

Atty. Dkt. No.: 1856-42300 (9719.0-02)

Date: August 23, 2004

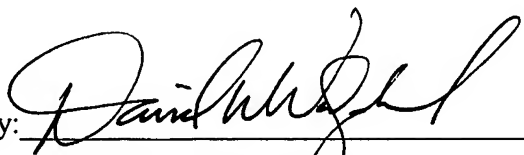
Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned, being Assignee of the entire interest of the above-identified application by virtue of a previously filed assignment, hereby consents to a correction of inventorship to include Lisa M. Budin, Sriram Ramani and Joe D. Allison as actual inventors along with the original named inventors, Charles R. Rapier, Daniel P. Holderman, Zhen Chen, Shang Y. Chen and Steven R. McDonald, in connection with the captioned application, Serial No. 10/731,748.

The undersigned is empowered to act on behalf of the Assignee.

ConocoPhillips Company

By: 
David W. Westphal
Attorney-in-Fact

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING
AN APPLICATION DATA SHEET (37 CFR 1.76)****Title of Invention** Reactor and Process for Converting Alkanes to Alkenes

As below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 10/731,748, filed on December 9, 2003.

☐ as amended on (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)Inventor one: Charles R. Rapier Date: 9-20, 2004Signature: Charles R. Rapier Citizen of: U.S.

Inventor two: Daniel P. Holderman Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

Inventor three: Zhen Chen Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: P.R. China

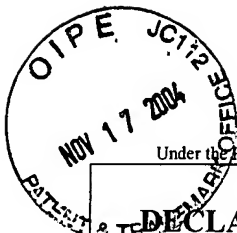
Inventor four: Shang Y. Chen Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

☒ Additional inventors are being named on 1 additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING
AN APPLICATION DATA SHEET (37 CFR 1.76)****Title of Invention** Reactor and Process for Converting Alkanes to Alkenes

As below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 10/731,748, filed on December 9, 2003.

☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: Charles R. Rapier Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

Inventor two: Daniel P. Helderman Date: 9/27, 2004

Signature:  Citizen of: U.S.

Inventor three: Zhen Chen Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: P.R. China

Inventor four: Shang Y. Chen Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

☒ Additional inventors are being named on 1 additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Atty. Dckt. No. 1856-42300 (9719.0-02)

PTO/SB/01A (08-03)

Approved for use through 06/30/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING
AN APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention	Reactor and Process for Converting Alkanes to Alkenes
---------------------------	---

As below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 10/731,748, filed on December 9, 2003.

☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: Charles R. Rapier Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

Inventor two: Daniel P. Holderman Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

Inventor three: Zhen Chen Date: 10/26/2004Signature:  Citizen of: P.R. China

Inventor four: Shang Y. Chen Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

☒ Additional inventors are being named on 1 additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Atty. Dckt. No. 1856-42300 (9719.0-02)

PTO/SB/01A (08-03)

Approved for use through 06/30/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING
AN APPLICATION DATA SHEET (37 CFR 1.76)****Title of Invention** Reactor and Process for Converting Alkanes to Alkenes

As below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 10/731,748, filed on December 9, 2003.
- ☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: Charles R. Rapier Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

Inventor two: Daniel P. Holderman Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: U.S.

Inventor three: Zhen Chen Date: _____, 2004

Signature: (signed on separate sheet) Citizen of: P.R. China

Inventor four: Shang Y. Chen Date: Sept 22, 2004Signature:  Citizen of: U.S.☒ Additional inventors are being named on 1 additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Atty. Dckt. No. 1856-42300 (9719.0-02)

PTO/SB/01A (08-03)

Approved for use through 06/30/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING
AN APPLICATION DATA SHEET (37 CFR 1.76)****Title of Invention** Reactor and Process for Converting Alkanes to Alkenes

As below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 10/731,748, filed on December 9, 2003.

☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor five: Steven R. McDonald

Date: Sept 13, 2004Signature: Steven R. McDonald

Citizen of: U.S.

Inventor six: Lisa M. Budin

Date: Sept. 24, 2004Signature: Lisa M. Budin

Citizen of: U.S.

Inventor seven: Sriram Ramani

Date: Sept. 1, 2004Signature: Ram Ramani

Citizen of: India

Inventor eight: Joe D. Allison

Date: 9/17, 2004Signature: Joe D. Allison

Citizen of: U.S.

☐ Additional inventors are being named on _____ additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Supplemental Application Data Sheet

APPLICATION INFORMATION

Application Number:: 10/731,748
Filing Date:: December 9, 2003
Application Type:: Regular
Subject Matter:: Utility
Title:: Reactor and Process for
Converting Alkanes to Alkenes
Attorney Docket Number:: 1856-42300 (9719.0-02)
Total Drawing Sheets:: 3

APPLICANT INFORMATION

Applicant Authority type:: Inventor
Primary Citizenship Country:: US
Status:: Full Capacity
Given Name:: Charles R.
Family Name:: Rapier
Name Suffix::
City of Residence:: Ponca City
State or Province of Residence:: OK
Country of Residence:: US
Street of mailing address:: 128 Park View Lane
City of mailing address:: Ponca City
State or Province of
mailing address:: OK
Country of mailing address:: US
Postal or Zip Code of
mailing address:: 74601

Applicant Authority type:: Inventor
Primary Citizenship

Country:: US
Status:: Full Capacity
Given Name:: Daniel P.
Family Name:: Holderman
Name Suffix::
City of Residence:: Stillwater
State or Province of Residence:: OK
Country of Residence:: US
Street of mailing address:: 400 S. Squires, Apt. Q12
City of mailing address:: Stillwater
State or Province of
mailing address:: OK
Country of mailing address:: US
Postal or Zip Code of
mailing address:: 74074

Applicant Authority type:: Inventor
Primary Citizenship Country:: P.R. China
Status:: Full Capacity
Given Name:: Zhen
Family Name:: Chen
Name Suffix::
City of Residence:: Ponca City
State or Province of Residence:: OK
Country of Residence:: US
Street of mailing address:: 2301 Briar Ridge
City of mailing address:: Ponca City
State or Province of
mailing address:: OK
Country of mailing address:: US
Postal or Zip Code of
mailing address:: 74604

Applicant Authority type:: Inventor
Primary Citizenship Country:: US
Status:: Full Capacity
Given Name:: Shang Y.
Family Name:: Chen
Name Suffix::
City of Residence:: Edmond
State or Province of Residence:: OK
Country of Residence:: US
Street of mailing address:: 4609 Clipper Crossing
City of mailing address:: Edmond
State or Province of
mailing address:: OK
Country of mailing address:: US
Postal or Zip Code of
mailing address:: 73013

Applicant Authority type:: Inventor
Primary Citizenship Country:: US
Status:: Full Capacity
Given Name:: Steven R.
Family Name:: McDonald
Name Suffix::
City of Residence:: Ponca City
State or Province of Residence:: OK
Country of Residence:: US
Street of mailing address:: 2405 Hummingbird Ln.
City of mailing address:: Ponca City
State or Province of
mailing address:: OK
Country of mailing address:: US

Postal or Zip Code of
mailing address::

74604

Applicant Authority type:: Inventor

Primary Citizenship

Country:: US

Status:: Full Capacity

Given Name:: Lisa M.

Family Name:: Budin

Name Suffix::

City of Residence:: Ponca City

State or Province of Residence:: OK

Country of Residence:: US

Street of mailing address:: 4601 South Union

City of mailing address:: Ponca City

State or Province of

mailing address:: OK

Country of mailing

address:: US

Postal or Zip Code of

mailing address:: 74601

Applicant Authority type:: Inventor

Primary Citizenship

Country:: India

Status:: Full Capacity

Given Name:: Sriram

Family Name:: Ramani

Name Suffix::

City of Residence:: Ponca City

State or Province of Residence:: OK

Country of Residence:: US

Street of mailing address:: 2917 Canterbury Avenue
City of mailing address:: Ponca City
State or Province of
mailing address:: OK
Country of mailing
address:: US
Postal or Zip Code of
mailing address:: 74604

Applicant Authority type:: Inventor
Primary Citizenship
Country:: US
Status:: Full Capacity
Given Name:: Joe D.
Family Name:: Allison
Name Suffix::
City of Residence:: Ponca City
State or Province of Residence:: OK
Country of Residence:: US
Street of mailing address:: 2412 Woodthrush Road
City of mailing address:: Ponca City
State or Province of
mailing address:: OK
Country of mailing
address:: US
Postal or Zip Code of
mailing address:: 74604

CORRESPONDENCE INFORMATION

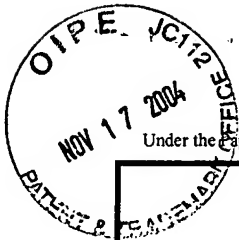
Correspondence Customer Number:: 31889

REPRESENTATIVE INFORMATION

Representative Customer Number:: 31889

ASSIGNEE INFORMATION

Assignee name:: ConocoPhillips Company
Street of mailing address:: 600 North Dairy Ashford
City of mailing address:: Houston
State or Province of
mailing address:: TX
Country of mailing
address:: US
Postal or Zip Code of
mailing address:: 77079



TFW

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/731,748
	Filing Date	December 9, 2003
	First Named Inventor	Charles R. Rapier
	Art Unit	1764
	Examiner Name	Thuan D. Dang
Total Number of Pages in This Submission	Attorney Docket Number	1856-42300 (9719.0-02)

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Statements of Lack of Deceptive Intent by Person Named as Inventors Agreeing to Change of Inventorship, Statement of Lack of Deceptive Intent by Person Being Added as an Inventor for each inventor, Assignee Consent, Declaration; Supplemental Application Data Sheet and acknowledgement postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm	CONLEY-ROSE, P. C.	
Signature		
Printed name	Tod T. Tumey	
Date	November 15, 2004	Reg. No. 47,146

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or Printed Name		Sandra K. Begley	
Signature		Date	November 15, 2004

139088.01/1856.42300

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and selection option 2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

<div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background: radial-gradient(circle, transparent 1%, gray 1% 1%, gray 3% 3%, transparent 3%); background-size: 4px 4px;"></div> <div style="position: absolute; top: 10px; left: 10px; font-size: 2em; font-weight: bold; transform: rotate(-45deg);">O.T.P.E.</div> <div style="position: absolute; top: 10px; left: 10px; font-size: 1.2em; font-weight: bold; transform: rotate(-45deg);">NOV 17 2004</div> <div style="position: absolute; top: 10px; left: 10px; font-size: 1.2em; font-weight: bold; transform: rotate(-45deg);">RECEIVED</div> </div> <h2 style="text-align: center; margin: 0;">FEE TRANSMITTAL</h2> <h3 style="text-align: center; margin: 0;">For FY 2004</h3> <p style="text-align: center; font-size: 0.9em;">Effective 10/01/2004. Patent fees are subject to annual revision.</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Application Number</td> <td>10/731,748</td> </tr> <tr> <td>Filing Date</td> <td>December 9, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Charles R. Rapier</td> </tr> <tr> <td>Examiner Name</td> <td>Thuan D. Dang</td> </tr> <tr> <td>Art Unit</td> <td>1764</td> </tr> <tr> <td>Attorney Docket No.</td> <td>1856-42300 (9719.0-02)</td> </tr> </table>		Application Number	10/731,748	Filing Date	December 9, 2003	First Named Inventor	Charles R. Rapier	Examiner Name	Thuan D. Dang	Art Unit	1764	Attorney Docket No.	1856-42300 (9719.0-02)																																																																																																																
Application Number	10/731,748																																																																																																																														
Filing Date	December 9, 2003																																																																																																																														
First Named Inventor	Charles R. Rapier																																																																																																																														
Examiner Name	Thuan D. Dang																																																																																																																														
Art Unit	1764																																																																																																																														
Attorney Docket No.	1856-42300 (9719.0-02)																																																																																																																														
TOTAL AMOUNT OF PAYMENT \$ 130.00																																																																																																																															
METHOD OF PAYMENT (Check all that apply)		FEE CALCULATION (continued)																																																																																																																													
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account: Deposit Account Number: 03-2769 Deposit Account Name: Conley Rose, P.C. The Director is authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account <input checked="" type="checkbox"/> Credit any overpayments		3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051 130</td><td>2051 65</td><td>Surcharge - late filing fee or oath</td><td>\$</td></tr> <tr><td>1052 50</td><td>2052 25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td>\$</td></tr> <tr><td>1053 130</td><td>1053 130</td><td>Non-English specification</td><td>\$</td></tr> <tr><td>1812 2,520</td><td>1812 2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td>\$</td></tr> <tr><td>18042 920*</td><td>1804 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td>\$</td></tr> <tr><td>1805 1,840*</td><td>1805 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>\$</td></tr> <tr><td>1251 110</td><td>2251 55</td><td>Extension for reply within first month</td><td>\$</td></tr> <tr><td>1252 430</td><td>2252 215</td><td>Extension for reply within second month</td><td>\$</td></tr> <tr><td>1253 980</td><td>2253 490</td><td>Extension for reply within third month</td><td>\$</td></tr> <tr><td>1254 1,530</td><td>2254 765</td><td>Extension for reply within fourth month</td><td>\$</td></tr> <tr><td>1255 2,080</td><td>2255 1,040</td><td>Extension for reply within fifth month</td><td>\$</td></tr> <tr><td>1401 340</td><td>2401 170</td><td>Notice of Appeal</td><td>\$</td></tr> <tr><td>1402 340</td><td>2402 170</td><td>Filing a brief in support of an appeal</td><td>\$</td></tr> <tr><td>1403 300</td><td>2403 150</td><td>Request for oral hearing</td><td>\$</td></tr> <tr><td>1451 1,510</td><td>1452 1,510</td><td>Petition to institute a public use proceeding</td><td>\$</td></tr> <tr><td>1452 110</td><td>2452 55</td><td>Petition to revive - unavoidable</td><td>\$</td></tr> <tr><td>1453 1,370</td><td>2453 685</td><td>Petition to revive - unintentional</td><td>\$</td></tr> <tr><td>1501 1,370</td><td>2501 685</td><td>Utility issue fee (or reissue)</td><td>\$</td></tr> <tr><td>1502 490</td><td>2502 245</td><td>Design issue fee</td><td>\$</td></tr> <tr><td>1503 660</td><td>2503 330</td><td>Plant issue fee</td><td>\$</td></tr> <tr><td>1460 130</td><td>1460 130</td><td>Petitions to the Commissioner</td><td>\$130.00</td></tr> <tr><td>1807 50</td><td>1806 50</td><td>Processing fee under 37 CFR 1.17(g)</td><td>\$</td></tr> <tr><td>1806 180</td><td>1806 180</td><td>Submission of Information Disclosure Stmt</td><td>\$</td></tr> <tr><td>8021 40</td><td>8021 40</td><td>Recording each patent assignment per property (times number of properties)</td><td>\$</td></tr> <tr><td>1809 790</td><td>2809 395</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td>\$</td></tr> <tr><td>1810 790</td><td>2810 395</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td>\$</td></tr> <tr><td>1801 790</td><td>2801 395</td><td>Request for Continued Examination (RCE)</td><td>\$</td></tr> <tr><td>1802 900</td><td>1802 900</td><td>Request for expedited examination of a design application</td><td>\$</td></tr> <tr><td colspan="3">Other fee (specify)</td><td>\$</td></tr> <tr> <td colspan="3">*Reduced by Basic Filing Fee Paid</td> <td>SUBTOTAL (3) \$130.00</td> </tr> </tbody> </table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	1051 130	2051 65	Surcharge - late filing fee or oath	\$	1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	\$	1053 130	1053 130	Non-English specification	\$	1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	\$	18042 920*	1804 920*	Requesting publication of SIR prior to Examiner action	\$	1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	\$	1251 110	2251 55	Extension for reply within first month	\$	1252 430	2252 215	Extension for reply within second month	\$	1253 980	2253 490	Extension for reply within third month	\$	1254 1,530	2254 765	Extension for reply within fourth month	\$	1255 2,080	2255 1,040	Extension for reply within fifth month	\$	1401 340	2401 170	Notice of Appeal	\$	1402 340	2402 170	Filing a brief in support of an appeal	\$	1403 300	2403 150	Request for oral hearing	\$	1451 1,510	1452 1,510	Petition to institute a public use proceeding	\$	1452 110	2452 55	Petition to revive - unavoidable	\$	1453 1,370	2453 685	Petition to revive - unintentional	\$	1501 1,370	2501 685	Utility issue fee (or reissue)	\$	1502 490	2502 245	Design issue fee	\$	1503 660	2503 330	Plant issue fee	\$	1460 130	1460 130	Petitions to the Commissioner	\$130.00	1807 50	1806 50	Processing fee under 37 CFR 1.17(g)	\$	1806 180	1806 180	Submission of Information Disclosure Stmt	\$	8021 40	8021 40	Recording each patent assignment per property (times number of properties)	\$	1809 790	2809 395	Filing a submission after final rejection (37 CFR § 1.129(a))	\$	1810 790	2810 395	For each additional invention to be examined (37 CFR § 1.129(b))	\$	1801 790	2801 395	Request for Continued Examination (RCE)	\$	1802 900	1802 900	Request for expedited examination of a design application	\$	Other fee (specify)			\$	*Reduced by Basic Filing Fee Paid			SUBTOTAL (3) \$130.00
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																												
1051 130	2051 65	Surcharge - late filing fee or oath	\$																																																																																																																												
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	\$																																																																																																																												
1053 130	1053 130	Non-English specification	\$																																																																																																																												
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	\$																																																																																																																												
18042 920*	1804 920*	Requesting publication of SIR prior to Examiner action	\$																																																																																																																												
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	\$																																																																																																																												
1251 110	2251 55	Extension for reply within first month	\$																																																																																																																												
1252 430	2252 215	Extension for reply within second month	\$																																																																																																																												
1253 980	2253 490	Extension for reply within third month	\$																																																																																																																												
1254 1,530	2254 765	Extension for reply within fourth month	\$																																																																																																																												
1255 2,080	2255 1,040	Extension for reply within fifth month	\$																																																																																																																												
1401 340	2401 170	Notice of Appeal	\$																																																																																																																												
1402 340	2402 170	Filing a brief in support of an appeal	\$																																																																																																																												
1403 300	2403 150	Request for oral hearing	\$																																																																																																																												
1451 1,510	1452 1,510	Petition to institute a public use proceeding	\$																																																																																																																												
1452 110	2452 55	Petition to revive - unavoidable	\$																																																																																																																												
1453 1,370	2453 685	Petition to revive - unintentional	\$																																																																																																																												
1501 1,370	2501 685	Utility issue fee (or reissue)	\$																																																																																																																												
1502 490	2502 245	Design issue fee	\$																																																																																																																												
1503 660	2503 330	Plant issue fee	\$																																																																																																																												
1460 130	1460 130	Petitions to the Commissioner	\$130.00																																																																																																																												
1807 50	1806 50	Processing fee under 37 CFR 1.17(g)	\$																																																																																																																												
1806 180	1806 180	Submission of Information Disclosure Stmt	\$																																																																																																																												
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	\$																																																																																																																												
1809 790	2809 395	Filing a submission after final rejection (37 CFR § 1.129(a))	\$																																																																																																																												
1810 790	2810 395	For each additional invention to be examined (37 CFR § 1.129(b))	\$																																																																																																																												
1801 790	2801 395	Request for Continued Examination (RCE)	\$																																																																																																																												
1802 900	1802 900	Request for expedited examination of a design application	\$																																																																																																																												
Other fee (specify)			\$																																																																																																																												
*Reduced by Basic Filing Fee Paid			SUBTOTAL (3) \$130.00																																																																																																																												
FEE CALCULATION																																																																																																																															
1. BASIC FILING FEE <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1001 790</td><td>2001 395</td><td>Utility filing Fee</td><td>\$</td></tr> <tr><td>1002 350</td><td>2002 175</td><td>Design filing fee</td><td>\$</td></tr> <tr><td>1003 550</td><td>2003 275</td><td>Plant filing fee</td><td>\$</td></tr> <tr><td>1004 790</td><td>2004 395</td><td>Reissue filing fee</td><td>\$</td></tr> <tr><td>1005 160</td><td>2005 80</td><td>Provisional filing fee</td><td>\$</td></tr> <tr><td colspan="3">SUBTOTAL (1)</td><td>\$</td></tr> </tbody> </table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	1001 790	2001 395	Utility filing Fee	\$	1002 350	2002 175	Design filing fee	\$	1003 550	2003 275	Plant filing fee	\$	1004 790	2004 395	Reissue filing fee	\$	1005 160	2005 80	Provisional filing fee	\$	SUBTOTAL (1)			\$																																																																																																		
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																												
1001 790	2001 395	Utility filing Fee	\$																																																																																																																												
1002 350	2002 175	Design filing fee	\$																																																																																																																												
1003 550	2003 275	Plant filing fee	\$																																																																																																																												
1004 790	2004 395	Reissue filing fee	\$																																																																																																																												
1005 160	2005 80	Provisional filing fee	\$																																																																																																																												
SUBTOTAL (1)			\$																																																																																																																												
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>Total Claims</th> <th>Independent Claims</th> <th>Multiple Dependent Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>*</td> <td>*</td> <td>*</td> <td>20** = * x</td> <td>18.00 = \$</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>3** = * x</td> <td>88.00 = \$</td> <td></td> </tr> <tr> <td colspan="4"></td> <td>300.00 = \$00.00</td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>1202 18</td><td>2202 9</td><td>Claims in excess of 20</td></tr> <tr><td>1201 88</td><td>2201 44</td><td>Independent Claims in excess of 3</td></tr> <tr><td>1203 300</td><td>2203 150</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>1204 88</td><td>2204 44</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>1205 18</td><td>2205 9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="3">SUBTOTAL (2) \$</td></tr> </tbody> </table> <p style="font-size: 0.8em;">** or number previously paid, if greater; For Reissues, see above</p>		Total Claims	Independent Claims	Multiple Dependent Claims	Extra Claims	Fee from below	Fee Paid	*	*	*	20** = * x	18.00 = \$					3** = * x	88.00 = \$						300.00 = \$00.00		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	1202 18	2202 9	Claims in excess of 20	1201 88	2201 44	Independent Claims in excess of 3	1203 300	2203 150	Multiple dependent claim, if not paid	1204 88	2204 44	** Reissue independent claims over original patent	1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) \$																																																																																			
Total Claims	Independent Claims	Multiple Dependent Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																										
*	*	*	20** = * x	18.00 = \$																																																																																																																											
			3** = * x	88.00 = \$																																																																																																																											
				300.00 = \$00.00																																																																																																																											
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description																																																																																																																													
1202 18	2202 9	Claims in excess of 20																																																																																																																													
1201 88	2201 44	Independent Claims in excess of 3																																																																																																																													
1203 300	2203 150	Multiple dependent claim, if not paid																																																																																																																													
1204 88	2204 44	** Reissue independent claims over original patent																																																																																																																													
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent																																																																																																																													
SUBTOTAL (2) \$																																																																																																																															
SUBMITTED BY		Complete (if applicable)																																																																																																																													
Name (Print/Type) <u>Tod T. Turney</u>		Registration No. (Attorney/Agent) 47,146	Telephone (713) 238-8000																																																																																																																												
Signature		Date November 15, 2004																																																																																																																													

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.